T08260 "EE899660

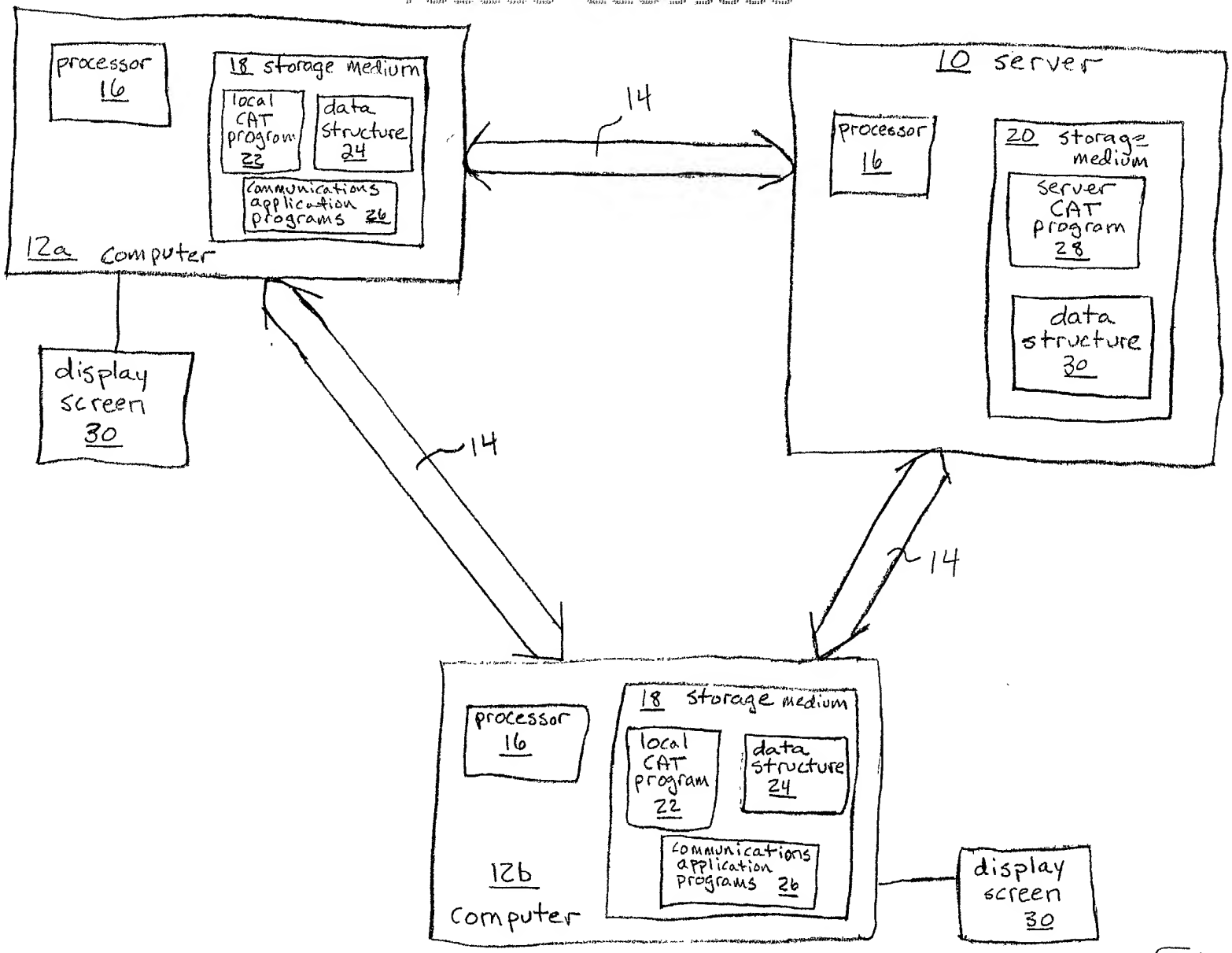

Fig. 1

EL822014459US

T08260 "EE899660

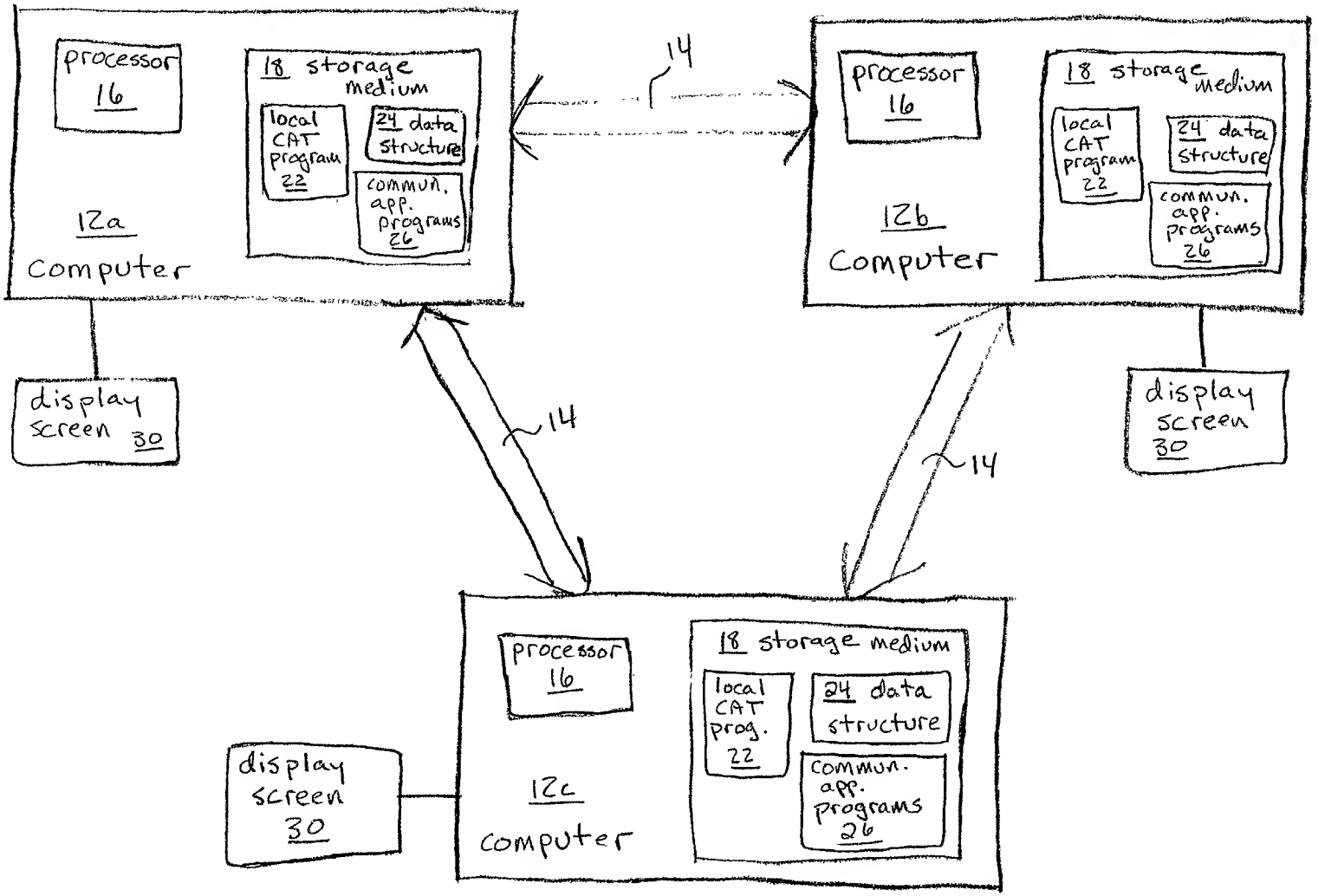

Fig. 2

	Attribute	Value
32	actual name	John Doe
34	id for email	jdoe@mailserver.com
36	available for email?	yes
38	id for instant messaging	johndoe1234
40	available for instant messasing?	no
42	permission level	3
44	role code	2

Fig. 3

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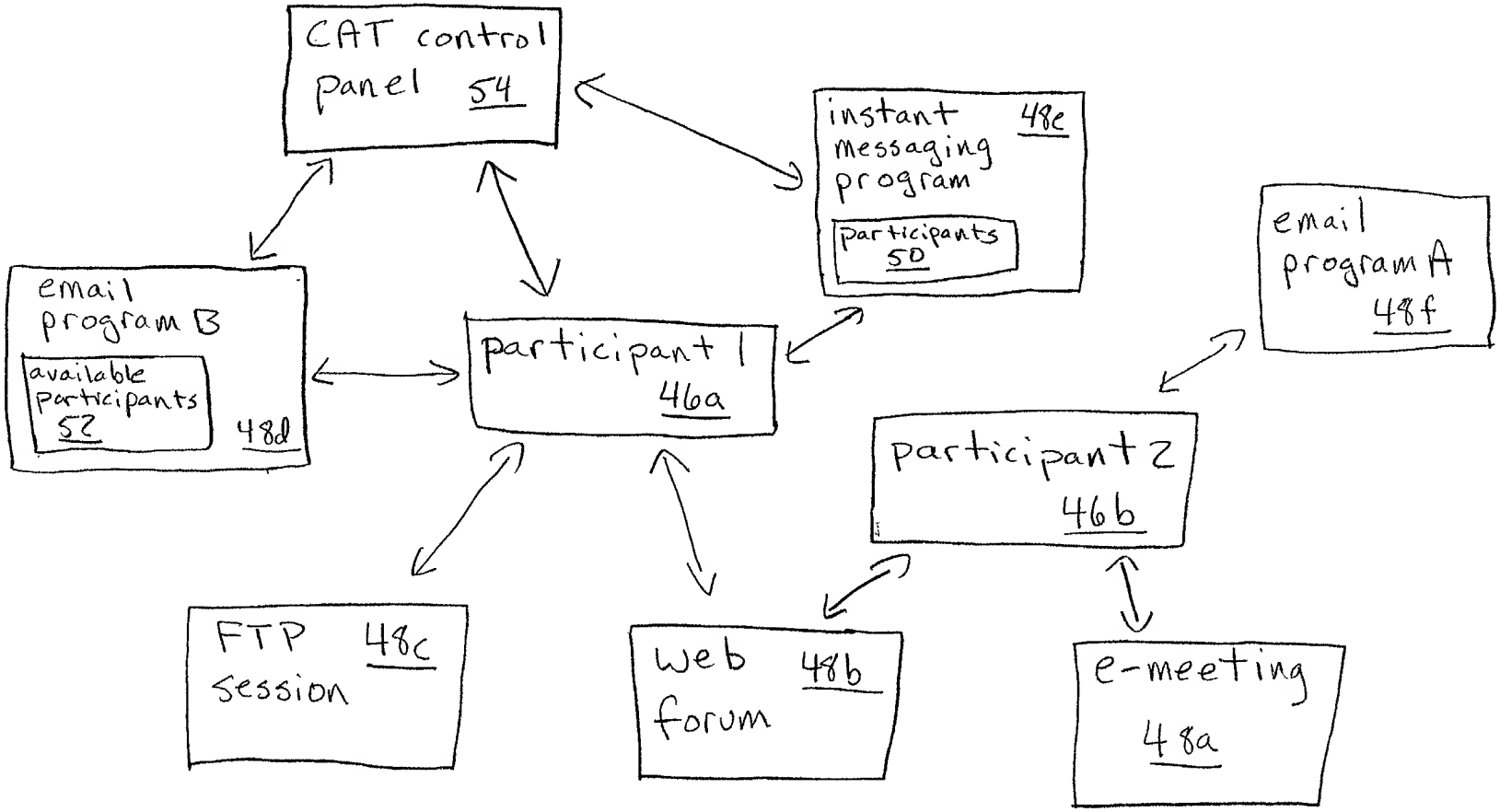
CAT control panel 54
instant messaging program 48c
participants 50
email program A 48f
email program B
available participants 52
48d
participant 1 46a
participant 2 46b
FTP session 48c
web forum 48b
e-meeting 48a

Fig. 4

T08260 "EE899660

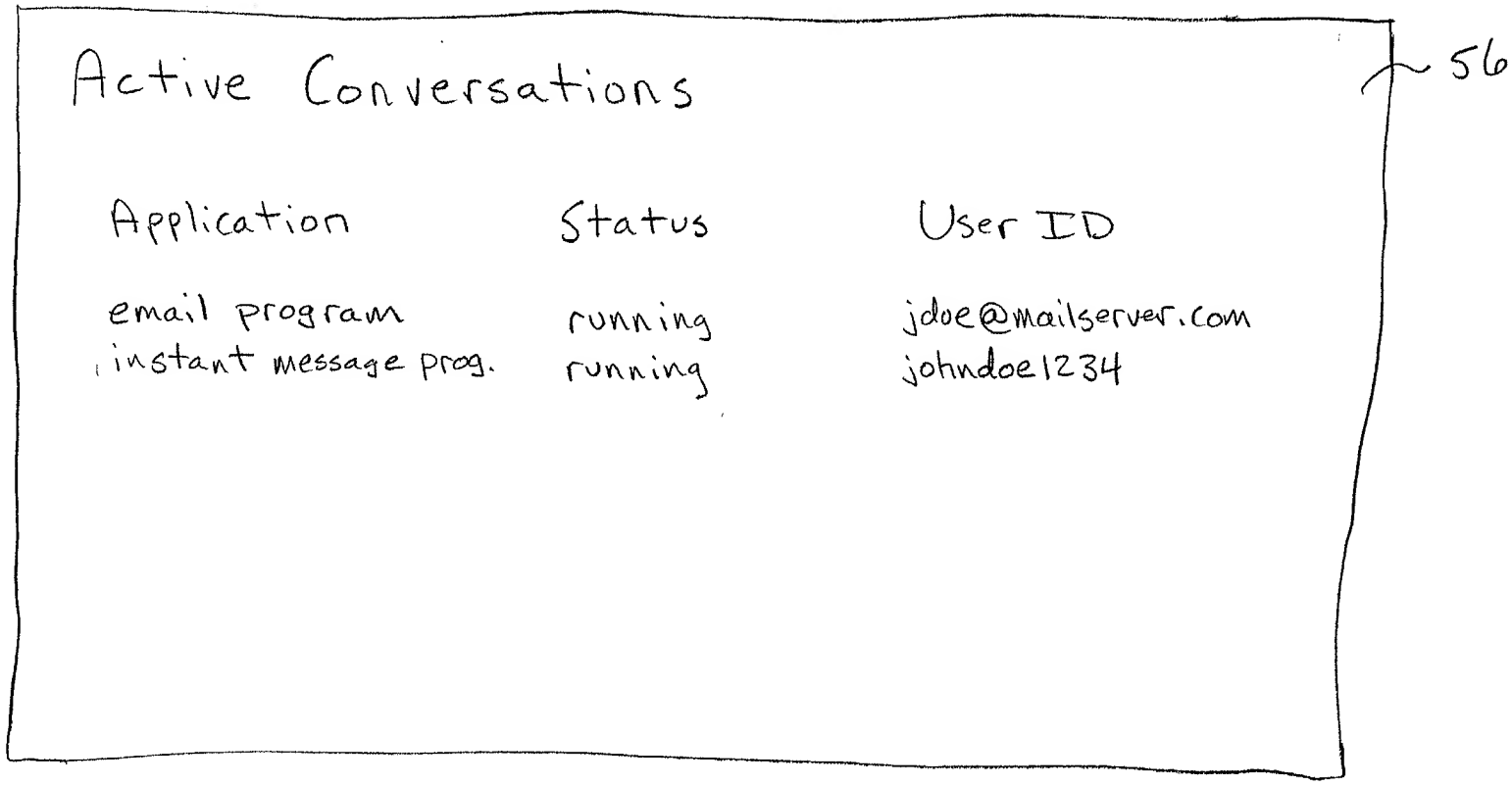

Fig. 5

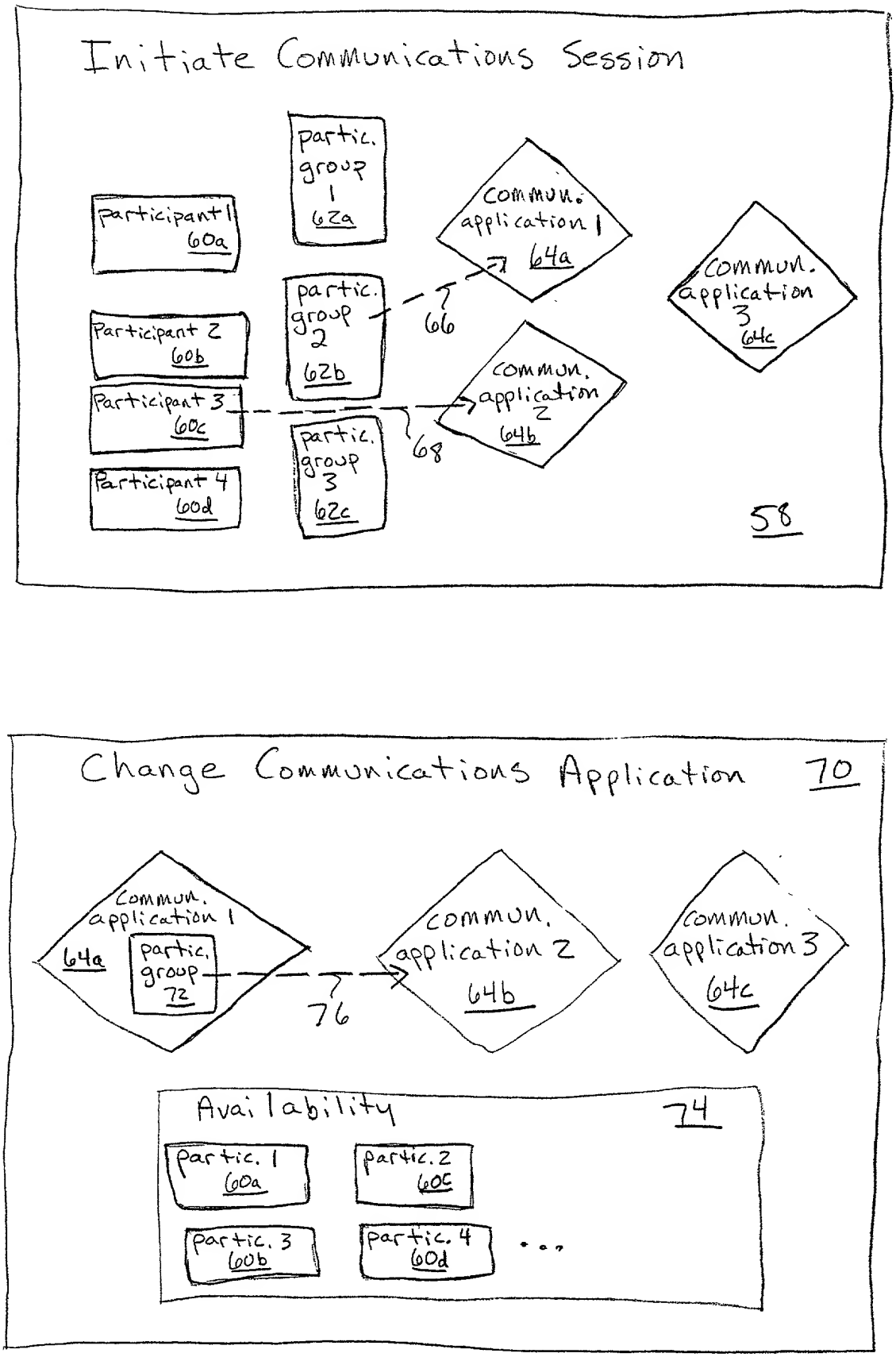
Initiate Communications Session
(a)
Participant 1
60a
Participant 2
60b
Participant 3
60c
Participant 4
60d
partic. group 1
62a
partic. group 2
62b
partic. group 3
62c
commun. application 1
64a
commun. application 2
64b
commun. application 3
64c
66
68
58
Change Communications Application
70
(b)
commun. application 1
64a
partic. group
72
76
commun. application 2
64b
commun. application 3
64c
Availability
74
partic. 1
60a
partic. 2
60c
partic. 3
60b
partic. 4
60d
...

Fig. 6

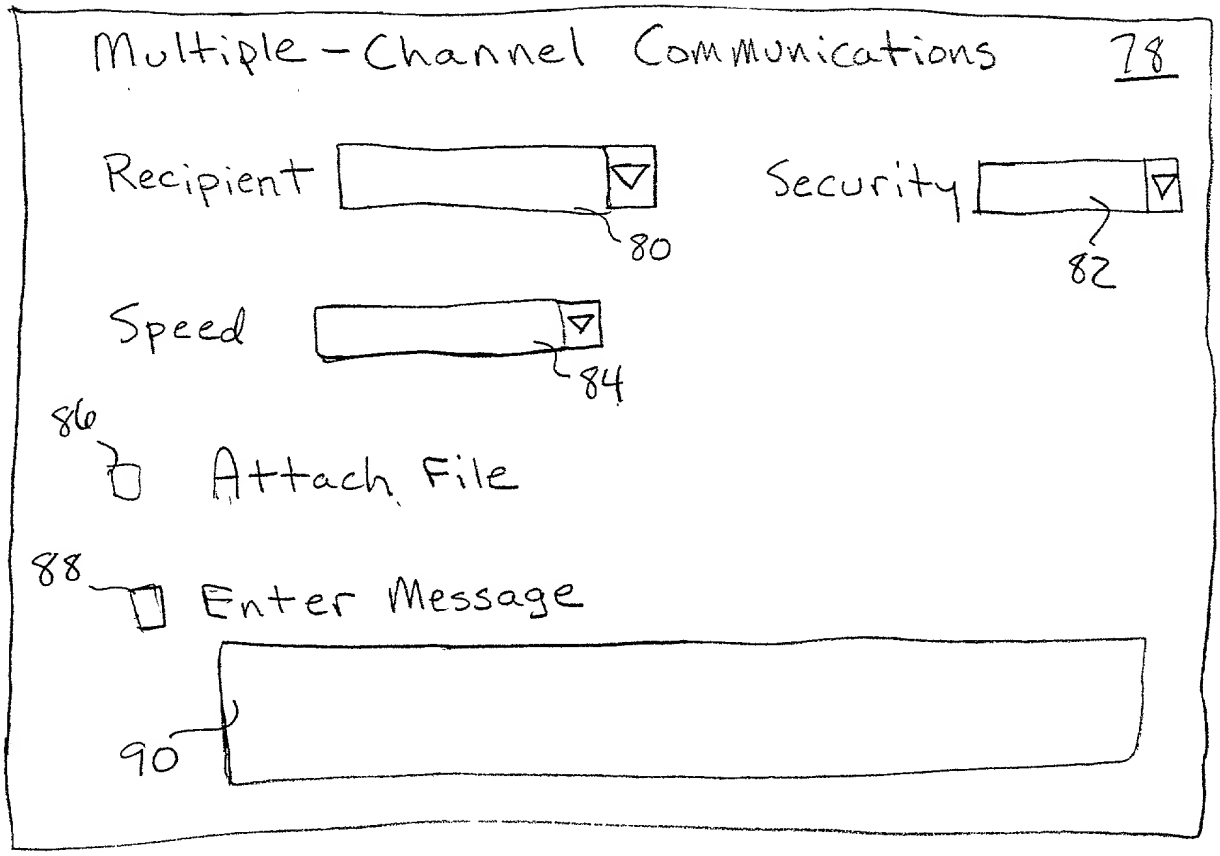
Multiple-Channel Communications
78
Recipient
80
Security
82
Speed
84
86
Attach File
88
Enter Message
90

Fig. 7

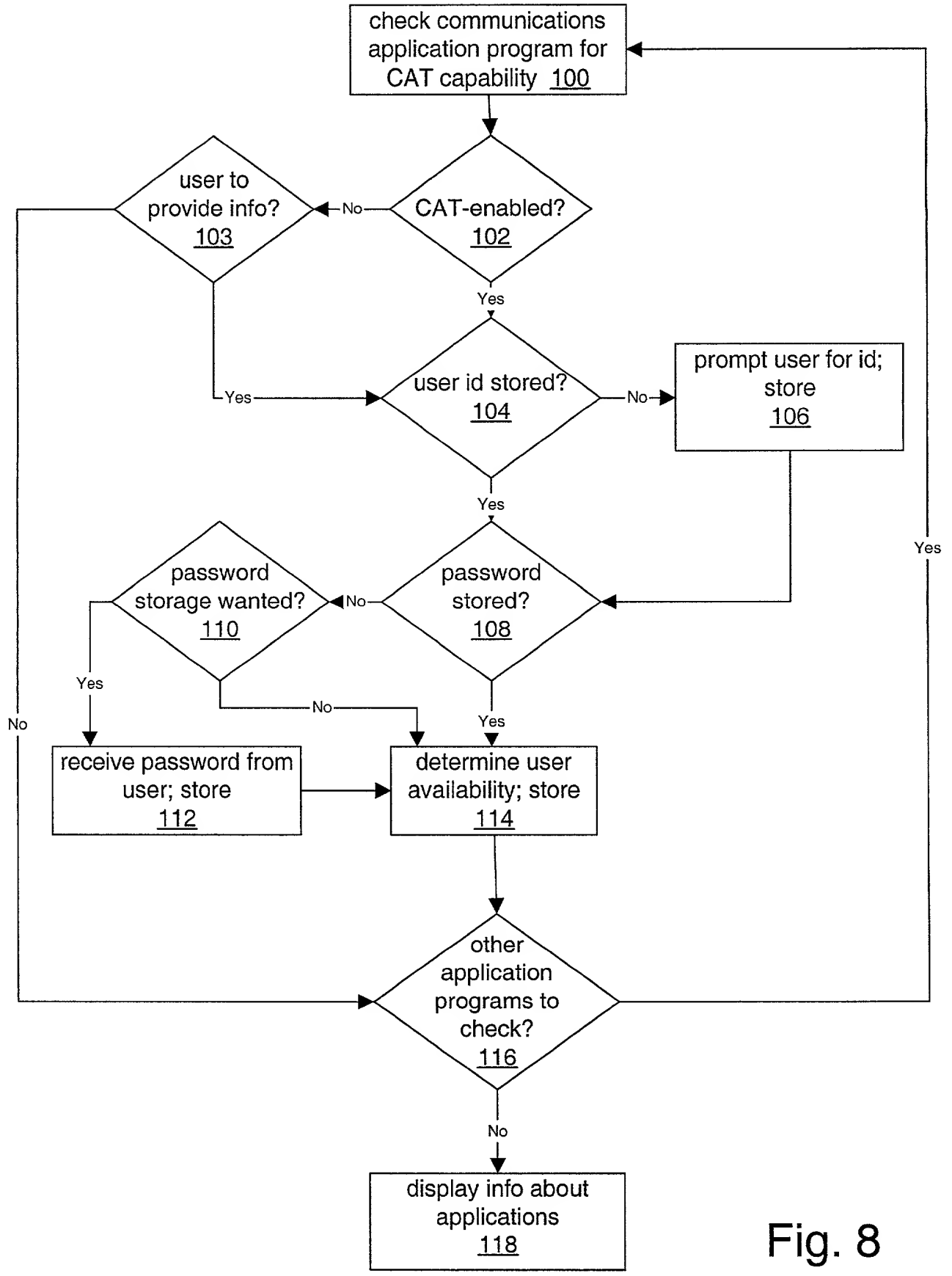
check communications application program for CAT capability 100
CAT-enabled? 102
No
user to provide info? 103
Yes
Yes
user id stored? 104
No
prompt user for id; store 106
Yes
password stored? 108
No
password storage wanted? 110
Yes
No
Yes
No
receive password from user; store 112
determine user availability; store 114
Yes
other application programs to check? 116
No
display info about applications 118

Fig. 8

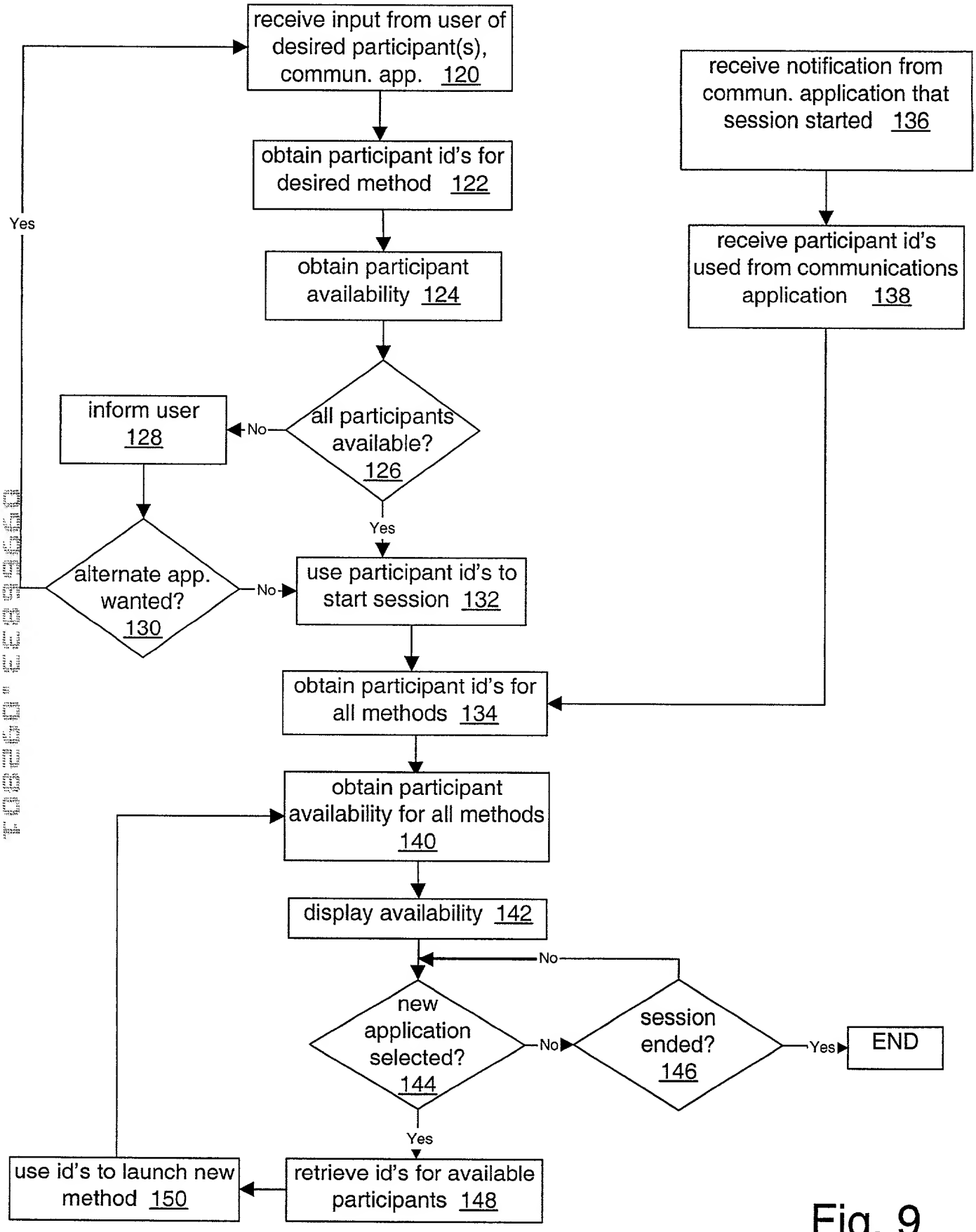
receive input from user of desired participant(s), commun. app. 120
obtain participant id's for desired method 122
obtain participant availability 124
all participants available? 126
No
inform user 128
Yes
alternate app. wanted? 130
Yes
No
use participant id's to start session 132
receive notification from commun. application that session started 136
receive participant id's used from communications application 138
obtain participant id's for all methods 134
obtain participant availability for all methods 140
display availability 142
No
new application selected? 144
No
session ended? 146
Yes
END
Yes
retrieve id's for available participants 148
use id's to launch new method 150

Fig. 9

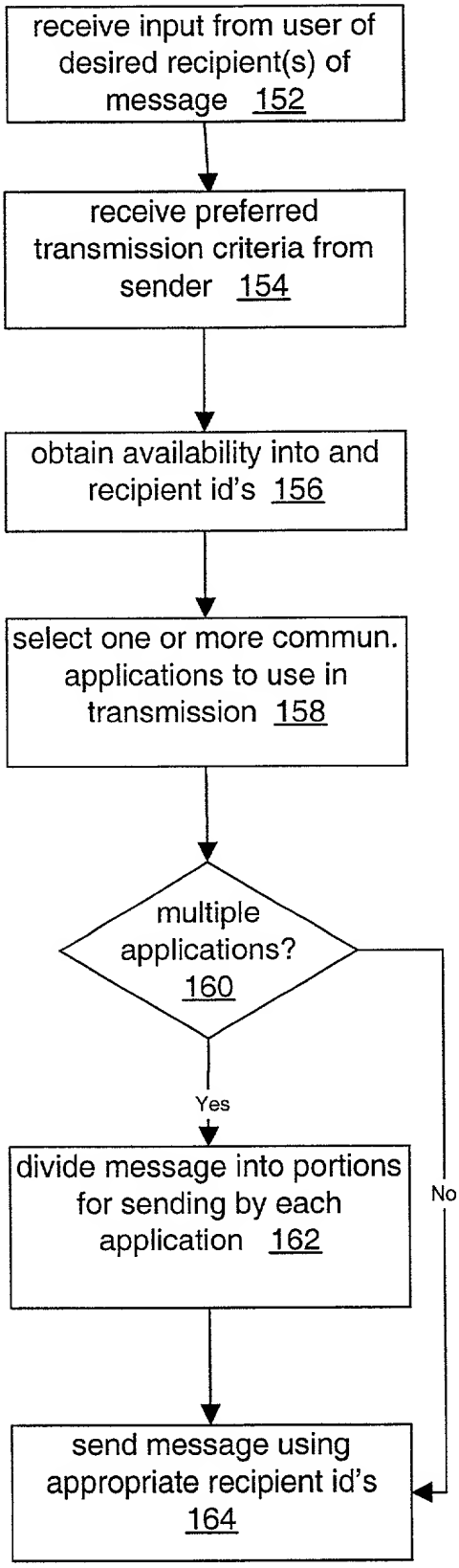
receive input from user of desired recipient(s) of message 152
receive preferred transmission criteria from sender 154
obtain availability into and recipient id's 156
select one or more commun. applications to use in transmission 158
multiple applications? 160
Yes
No
divide message into portions for sending by each application 162
send message using appropriate recipient id's 164

Fig. 10